

SHEET INDEX

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CIRCUIT

101-	0E510	FUSE AMP	POTENTIAL	ONE PER
		1-1/3	-48V TALK	CKT

EQUIPMENT NOTES:

11. THE SHIELDED LEADS TO (T81) SHALL BE TWISTED PAIRS WITH THE SHIELDS TERMINATED AS SHOWN AT THE AMPLIFIER END ONLY. THE SHIELDS SHALL BE INSULATED THROUGHOUT THEIR LENGTH. THE TOTAL CAPACITANCE BETWEEN THE HIGH-SIDE CONDUCTOR AND THE OTHER CONDUCTOR AND SHIELD FOR THE SHIELDED PAIRS TO THE MAGNETIC HEAD (LEADS RCT, RC2, EC1, & EC2) SHALL NOT EXCEED 500 UUF. THE TYPE OF WIRE SHALL BE AS SPECIFIED ON THE CONNECTING CIRCUIT.

02. WHEN REQUIRED, SHIELDED CABLE FOR THE OUTPUT LEADS SHALL BE SPECIFIED ON THE CONNECTING CIRCUIT.

SUPPORTING INFORMATION

CATEGORY	NO.

APP OR WRG	LOCATION
Z	2CB
Y	2CB
X	2D3
W	2B2
V	2B3
U	2B8
T	2B8
S	2B5
R	2B8
Q	2B8
N	2B5
M	2B6
L	4FG
K	2FG

INFORMATION NOTES:

11. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS,
CAPACITANCE VALUES ARE IN MICROFARADS,
VALVES PRECEDED BY THE SYMBOL (+) OR
(-) MINUS ARE IN VOLTS.

12. THE VOLTAGES SHOWN ARE TYPICAL DC VALUES WITH AVERAGE
TRANSISTORS AND NONVARIABLE SUPPLY VOLTAGE. RELAY(1X) IS
OPERATED TO AMPLIFY THE RECORD CONDITION.
VOLTAGE SHOWN THUS (+) ARE WITH INPUT SIGNAL AND RELAY
(1X) OPERATED. THE VOLTAGES ARE MEASURED FROM POINTS
SUCH THAT THE VOLTAGE IS POSITIVE. THE VOLTAGE IS
A RESISTIVE LOAD, 1000 OHMS, FOR THE THERMOMETER HAVING A
RESISTANCE OF 100 OHMS.

103. RECORD OF FIGURES, WIRING & APPARATUS CHANGES

CHANGED ON 153	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION IS FOR FURN	SEE NOTE	USE IN CIRCUIT		
				STD	ASA	MD

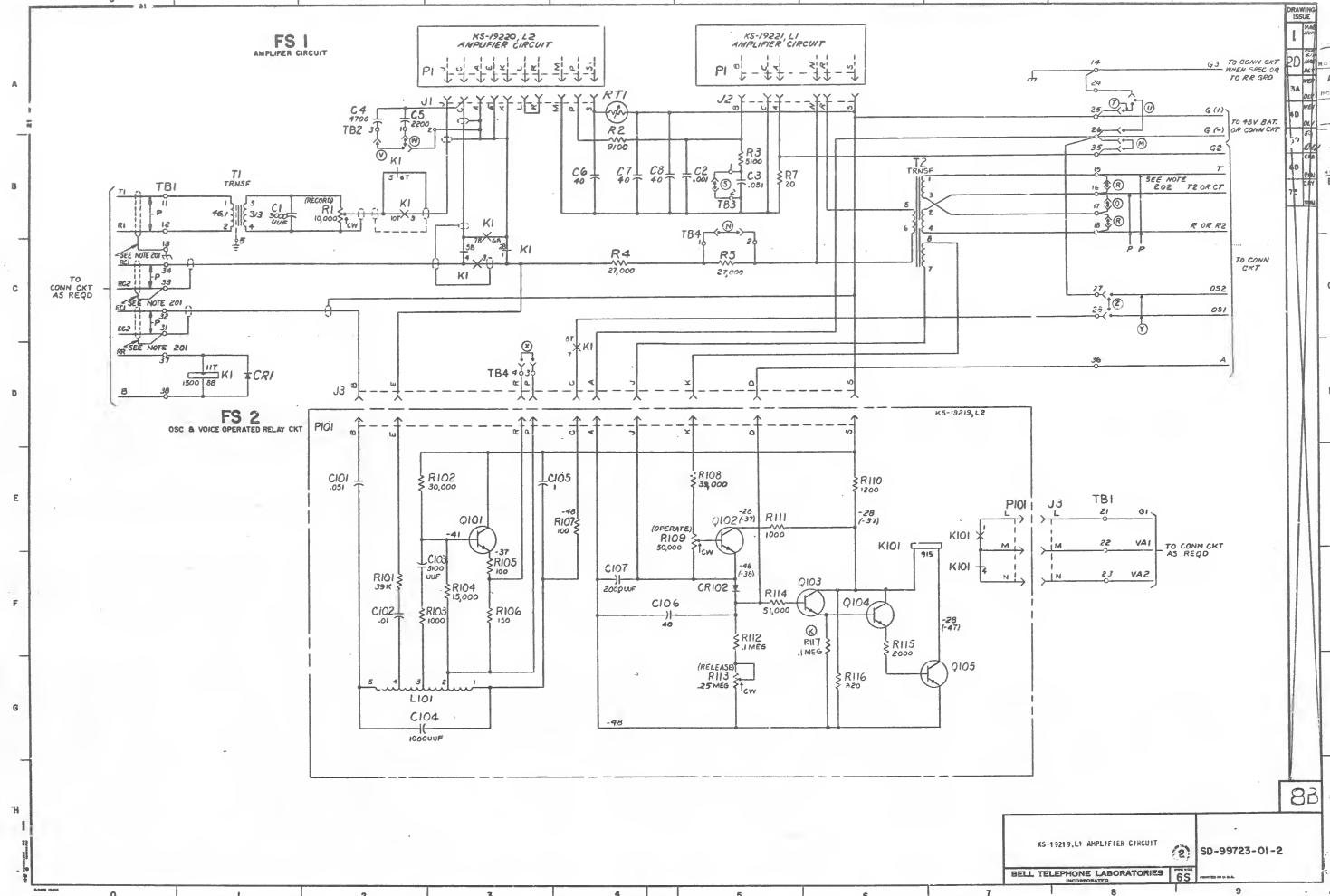
WORKING LIMITS
MAX COND LOOP RES OF
SI AND OS2 LEADS -250

0-99723-01
21
COMMON SYSTEMS
KS-19219, L1 AMPLIFIER CIRCUIT
BELL TELEPHONE LABORATORIES
INcorporated

NOTICE
NOT FOR USE
DISCLOSURE OUT
THE BELL SYSTEM
EXCEPT UNDER
WRITTEN AGREEMENT

ISSUE
80

SD-99723-01-
5 SHEETS



SD-99723-01

CIRCUIT REQUIREMENTS

KS-19219, L1 AMPLIFIER CIRCUIT

46
BR
W
N
E

7B

S-19219, LI AMPLIFIER CIRCUIT
TELEPHONE LABORATORIES INCORPORATED 6

SD-99723-01-5